



March 10, 2011

Illinois Environmental Protection Agency
Reporting and Financial Assurance Unit
Bureau of Land – #33
P.O. Box 19276
Springfield, Illinois 62794-9276



Re: 2018080001 – Winnebago County
Winnebago Reclamation Service
Fourth Quarter 2010 Confirmed Increases

Dear Correspondent:

In accordance with the applicable conditions of the permit, a groundwater monitoring review has been conducted on the fourth quarter 2010 monitoring results. Parameters indicating "confirmed increases" from the Southern and Northern Units are listed in Tables 1 and 2, respectively.

The sample results from each unit well network have been reviewed pursuant to Condition VIII.13 of Permit No. 1991-138-LF, Modification No. 46. Confirmed increases will be addressed in accordance with Condition VIII.15 of the above referenced permit.

If you have any questions or require further information, please contact Mr. Tom Hilbert at (815) 963-7516. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Teresa N. Sharp". The signature is fluid and cursive, with the first letters of each word being capitalized.

Teresa N. Sharp
Environmental Scientist

TNS:tns:slm

Enclosures

cc: Tom Hilbert – Winnebago Reclamation
Bernie Shorle – US EPA Region 5



**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
SOLID WASTE REPORTING FORM**

This form must be used as a cover for the following list of notices and reports required by the Illinois EPA's Bureau of Land, Permit Section. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form must be used for Solid Waste facilities only. Reporting for Hazardous Waste facilities should be submitted on a separate Hazardous Waste Reporting Form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form may NOT be used for any request to modify the permit, sampling or operating procedures. Modification requests must be submitted separately in the form of a permit application.

This form is not to be used with permit applications. Your permit will state whether the document you are submitting is required as a report or an application.

Facility Name: Winnebago Reclamation Service

Site ID#: 2018080001

Check one of the following, identifying the contents of your submittal:

☐ LPC-160 Forms

☐ Quarterly Groundwater Data

☐ Quarterly Leachate Data

☐ Annual Groundwater Data

☐ Annual Leachate Data

☐ Semi-Annual Groundwater Data

☐ Semi-Annual Leachate Data

☐ Biennial Groundwater Data

☐ Biennial Leachate Data

☐ Annual Groundwater Flow Evaluation

☐ Well Survey Data

☐ Well Construction Forms and Boring Logs

☐ Well Abandonment Forms

☐ Notice of Observed Increase in Groundwater

Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater

☒ Notice of Confirmed Increase of Groundwater Exceedence from Re-sample

☐ Notice of Methane Exceedences

☐ Annual Facility Report (per 35 Ill. Adm. Code 813.504) and Gas Monitoring Report

☐ Annual Certifications per 35 Ill. Adm. Code 813.501

☐ Other (identify): Not to be used for Permit Applications

Table 1
Winnebago Landfill - South Unit
Fourth Quarter 2010 Confirmed Exceedences

Parameter	Units	4thQtr10	4thQtr10re	AGQS	Notes
G11D - Upgradient					
** cis-1,2-Dichloroethene	ug/l	2.9		5	Exceeds Preceeding (below AGQS)
** Tetrachloroethene	ug/l	3.3		5	Exceeds Preceeding (below AGQS)
** Trichloroethene	ug/l	1.8		10	Exceeds Preceeding (below AGQS)
G22D - Upgradient					
# Chloride, Dissolved	mg/l	320	240	200	
R11S - Upgradient					
cis-1,2-Dichloroethene	ug/l	1.8	1.8	5	Exceeds Preceeding (below AGQS)
R22S - Upgradient					
# Chromium, dissolved	ug/L	24	25	19	
Specific Conductance (field)	umhos	3210	3330	2029.99	
R28D					
Acetone	ug/l	5.1		100	Exceeds Preceeding (below AGQS)
Carbon disulfide	ug/l	3.5		5	Exceeds Preceeding (below AGQS)

Note:

** indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

indicates exceedence is currently being addressing in either pending Application Log No. 2010-373, 2010-490, or 2011-004.

Table 2
Winnebago Landfill - North Unit
Fourth Quarter 2010 Confirmed Exceedences

Parameter	Units	4thQtr10	4thQtr10re	AGQS	Notes
G09D - Upgradient					
# Chlorobenzene	ug/l	11		5	
G09M - Upgradient					
Benzene	ug/l	2.2	2.3	2.8	Exceeds Preceeding (below AGQS)
Chlorobenzene	ug/l	5.9	5.7	5	
# Chromium, dissolved	ug/L	16	17	12	
G13D - Upgradient					
# Chlorobenzene	ug/l	4		5	Exceeds Preceeding (below AGQS)
# Chromium, dissolved	ug/L	42	29	12	
# Sulfate, Dissolved	mg/l	260	190	119.5	
# Total Dissolved Solids, filtered	mg/l	3100	2300	1755.8	
G13S - Upgradient					
# Benzene	ug/l	4.1		2.8	
# Chlorobenzene	ug/l	24		5	
G03M					
** Tetrachloroethene	ug/l	4.2		26	Exceeds Preceeding (below AGQS)
G51S					
# 1,1-Dichloroethane	ug/l	1.7		31	Exceeds Preceeding (below AGQS)
1,2-Dichlorobenzene	ug/l	2	1.8	5	Exceeds Preceeding (below AGQS)
# Benzene	ug/l	1.8		2.8	Exceeds Preceeding (below AGQS)
# Chlorobenzene	ug/l	3.7		5	Exceeds Preceeding (below AGQS)
# Chromium, dissolved	ug/l	23	23	12	
cis-1,2-Dichloroethene	ug/l	1.9	1.2	5	Exceeds Preceeding (below AGQS)
# Total Dissolved Solids, filtered	mg/l	1800	1800	1755.8	
R03S					
cis-1,2-Dichloroethene	ug/l	1.5	1.1	5	Exceeds Preceeding (below AGQS)
R39S					
cis-1,2-Dichloroethene	ug/L	1.2	1.4	5	Exceeds Preceeding (below AGQS)

** indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

indicates exceedence is currently being addressing in either pending Application Log No. 2010-373, 2010-490, or 2011-004.